

**Rainfall Forecast for 16-23 October 2024**

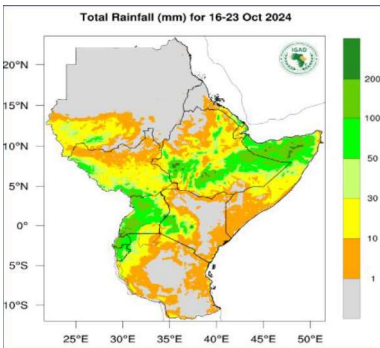


Figure 1 - Total rainfall forecast for 16-23 Oct 2024 (Source: ICPAC).

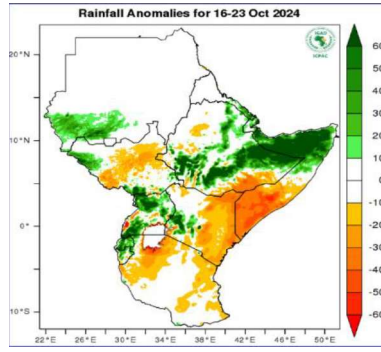


Figure 2 - Rainfall anomalies forecast 16-23 Oct 2024 (Source: ICPAC).

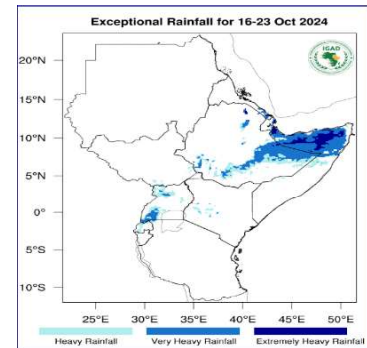


Figure 3 - Exceptional rainfall for 16-23 Oct 2024 (Source: ICPAC).

Figure 1 above indicates that moderate rainfall (50-200 mm - colored green) is expected over westernmost parts of South Sudan such as western parts of Raga, and southwestern parts of Central Equatoria such as Morobo, Kajo-keji and parts of Yei. Light rainfall (less than 50 mm - colored yellow and orange) is expected in most parts of South Sudan. Figure 3 shows, no heavy rain is expected in South Sudan this week. However, exceptionally heavy rainfall is expected in the northern and southern parts of Uganda. This is likely to increase the volume of water flowing into the Nile entering South Sudan and may result in flash floods downstream in river areas of Jonglei and Unity.

In terms of rainfall anomalies (Figure 2), less than usual rainfall (colored orange) is expected over central to eastern South Sudan.

**Temperature Forecast for 16-23 October 2024**

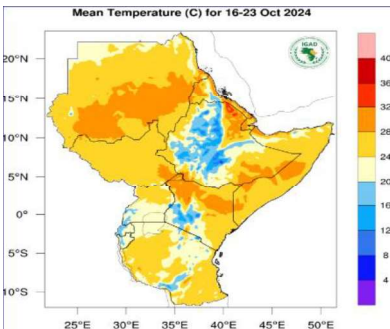


Figure 4 - Mean temperature forecast for 16-23 Oct 2024 (Source: ICPAC).

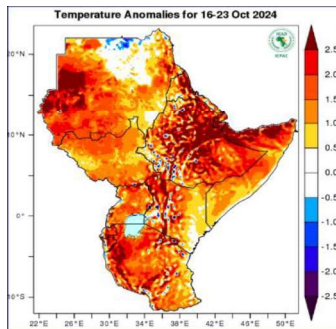


Figure 5 - Temperature Anomalies for 16-23 Oct 2024 (Source: ICPAC).

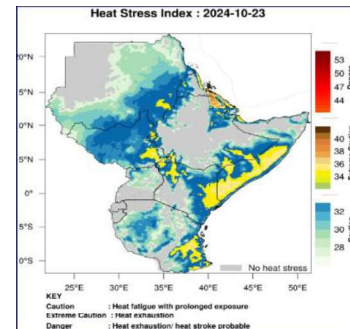


Figure 6 - Heat stress index: 2024-10-23 16-23 Oct 2024 (Source: ICPAC).

Figure 4 above indicates that moderate temperatures of 24 °C – 32 °C (colored yellow and orange) are expected over South Sudan. Figure 6 above indicates that cautionary heat stress levels are expected in most parts of South Sudan this week.

According to temperature anomalies (Figure 5) warmer than usual temperatures (colored orange) are expected over most parts of South Sudan this week.

Source: <sup>1</sup> <https://www.icpac.net/weekly-forecast/>

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Visit the CLIMIS Portal: <http://www.climis-southsudan.org>

View Rain Gauge Data on the CLIMIS Portal: [http://www.climis-southsudan.org/agromet/rainfall\\_data](http://www.climis-southsudan.org/agromet/rainfall_data)

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